日本刺秃蝗属一新种

（直翅目：蝗科，斑腿蝗亚科）

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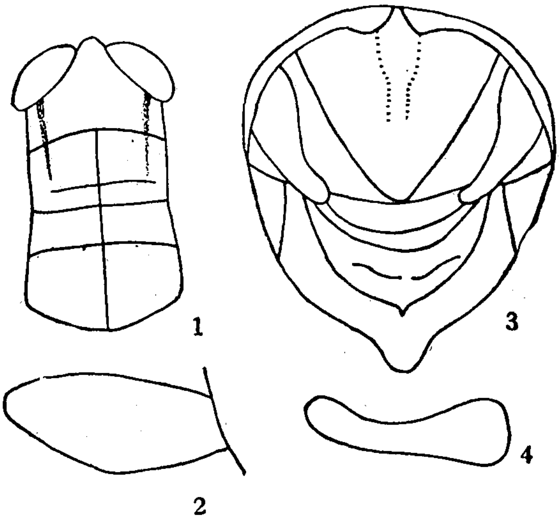
在整理馆藏标本时，发现日本刺秃蝗属一新种。现记述如下。

模式标本存放在中国科学院动物研究所。

单纹刺秃蝗 *Parapodisma subastris* 新种

雄　体中等。头短、宽，其长度约与前胸背板沟前区等长。复眼间头顶的宽度几乎与触角间颜面隆起宽度相等，略大于触角第1节基部的宽度。触角丝状，超过前胸背板的后缘。颜面略向后倾斜，隆起纵沟明显，两侧缘几乎平行。颜面侧隆线明显。复眼卵形，垂直直径为水平直径的1.3倍，为眼下沟长的1.6倍。前胸背板圆柱状，前缘几乎平直，后缘宽圆，中隆线低、细，被3条横沟割断，后横沟略位于中部之后，沟前区的长度为沟后区长度的1.2倍，无侧隆线。前胸腹板突圆锥状，顶端略尖，稍向后倾斜。中胸腹板侧叶宽大于长，侧叶间之中隔的宽度略小于其长度。后胸腹板侧叶略分开。前翅短，卵形，背部不毗连，到达腹部第2节的后缘，长为宽的2倍。后足股节长为宽的4倍，上侧上隆线无细齿，顶端具尖刺，下膝侧片圆形。后足胫节短于股节，无外端刺，内、外缘各具刺9—11枚；胫节内侧距1.4倍于外侧距。后足跗节不到达胫节的1/2处，跗节第2节短于第1节，第3节（包括爪）的长度等于1.2节长度的总和。腹部末节背板后缘具尾片。肛上板三角形，中央为浅的凹陷。尾须圆锥形，略向内弯曲，基部宽，中部缩狭，端部略变宽，顶端圆，超过肛上板的顶端。下生殖板短锥状，顶端稍尖，圆。



单纹刺、秃蝗 *Parapodisma subastris* sp. nov. (♂)

1.头部和前胸背板　2.前翅　3.腹部端部　4.尾须

本文于1981年12月收到。

体黄橄榄绿色。 复眼后方至前胸背板前横沟之前具较狭的暗黑色条纹。 后足股节内、外侧橄榄绿色，外侧下缘红色，上膝侧片黑色，下膝侧片除顶端一半黄色外也呈黑色。后足胫节橄榄绿色，基部具黄色斑纹，胫节刺黑色。后足跗节黄褐色。

雌 未见。

体长 24.1 毫米；前翅长 6.2 毫米；前胸背板 5.8 毫米；后足股节 13.5 毫米。

正模♂，日本京都，1931. VIII. 16, K. Eki 采集。

本新种近似 *Parapodisma subaptera* (Heb.) 其不同点为前翅较长；腹部末节背板后缘具尾片；体黄橄榄绿色，除自复眼后方至前胸背板前横沟之前具较狭的暗黑色条纹外，无任何其它条纹；后足股节外侧下缘红色。

ONE NEW SPECIES OF *PARAPODISMA* FROM JAPAN (ORTHOPTERA: ACRIDIDAE. CATANTOPINAE)

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This paper describes one new species of *Parapodisma* from Japan.

Holotype specimen is preserved in the Institute of Zoology, Academia Sinica.

***Parapodisma subastris* sp. nov.**

Male: Body medium. Head short. Antennae extending the posterior margin of pronotum. Frontal ridge with distinct sulcus throughout. Facial lateral carinal distinct. Eyes oval, the vertical diameter 1.3 times the horizontal diameter and 1.6 times the length of subocular suture. Pronotum cylindrical, median keel low, weak, cut by three transverse sulci, the length of prozona of pronotum 1.2 times the length of metazona, without lateral keel. Prosternal spine conical, apex slightly pointed. The width of interspace between mesosternal lobes slightly narrower than its length. Elytra oval, reaching the posterior margin of the 2nd abdominal segment, its length 2 times the width. The length of hind femur 4 times the width, upper keel smooth and apex with spine, kneelobe rounded. The posterior margin of last tergite of abdomen with furcula. Supra analplate triangular, center of plate weakly cancave. Cerci conical, slightly curved inwards, the basis wide, median weakly narrower, apex rounded extending the posterior margin of supra analplate. Subgenital plate conical, apex slightly pointed rounded.

Body yellow-olivaceous green, with narrower dark stripes behind eyes and before first transverse sulcus of pronotum. Elytra olivaceous. The outer and inner side of hind femur olivaceous green, outer lower side red, kneelobes black, except the apical half of lower knee lobes yellow. Hind tibia olivaceous green.

Holotype ♂ Kyoto, Japan, 16 VIII, 1931, collected by K. Eki.

This new species is similar to *P. subaptera* (Heb.) but differs by body yellow-olivaceous green except that narrower dark stripes behind eyes and before first transverse sulcus of pronotum without any dark stripes, the outer lower side of hind femur red; elytra longer, its length 2 times the width, subgenital plate conical slightly pointed rounded.